

STONEFISH-1

Location: Offshore Gippsland Basin
 Latitude: 38 15 02.19 S
 Longitude: 148 33 34.77 E

Water Depth = 114.9 m
 Total Depth Drilled (KB) = 3183.64 m; Depth Logged (KB) = 3186.227 m
 KB Elevation = 9.75 m amsl
 Seismic line reference: G91A-2008, sp 2679.8

Completed August 29, 1973 by Esso Standard Oil (Australia)
 Status = Plugged & abandoned

Lithostratigraphy by Tom Bernecker (1998)
 Lithological interpretation by K. Jonasson & N. Liberman (1998)
 Palynology by W.K. Harris (1983)
 Produced by the Basin Studies Group 05-Jun-200



Lithological legend

- | | | |
|-----------------------------|---------------------------------|-------------------|
| Carbonate Lithotypes | Siliciclastic Lithotypes | Others |
| Limestone | Conglomerate | Extrusive rocks |
| Limestone, sandy | Sandstone, pebbly | Mafic sills |
| Limestone, dolomitic | Sandstone | Plutonic rocks |
| Dolomite | Sandstone, calcareous | Metamorphic rocks |
| Dolomite, calcareous | Sandstone, argillaceous | |
| Marl | Sandstone, glauconitic | |
| | "Greensand" | |

Accessory minerals legend

- C - carbonaceous debris
 P - pyrite
 G - glauconite
 M - mica
 Arrowheads indicate SWC range & abundance
 Patterns indicate cuttings/core range & abundance

- trace
 common
 minor
 abundant

Pristane/Phytane Legend

- < 1.5 Anoxic - Subaqueous (lacustrine or marine)
 1.5 - 3.0 Trans - Transitional environment
 > 3.0 Oxid - Subaerial environment

Palynological scheme legend

- SPORE-POLLEN:**
 T. be = T. bellus
 P. tu = P. tuberculatus
 N. as = N. asperus
 P. as = P. asperopolus
 M. di = M. diversus
 L. ba = L. balmi
 F. lo = F. longus
 T. li = T. lillie
 N. se = N. senectus
 T. ap = T. apoxyxinus
 P. ma = P. mawsonii
 H. un = H. uniformis (A. di = A. distocarinus)
 P. pa = P. pannosus
 C. pa = C. paradoxa
 C. st = C. striatus
 C. hu = C. hughesii
 P. no = P. notensis
 F. wo = F. wonthaggiensis
 C. au = C. australis
 R. wa = R. watheroensis
- DINOFLAGELLATES:**
 C. in = C. incompositum
 D. he = D. heterophlycta
 A. hy = A. hyperacantha
 A. ho = A. homomorphum
 E. cr = E. crassitabulata
 T. ev = T. evittii
 M. dr = M. druggii
 L. ko = L. korojense
 X. au = X. australis
 N. ac = N. aceras
 L. ro = L. rotundatum
 L. cr = L. cretaceum
 O. po = O. porifera
 C. st = C. striatococcus
 P. in = P. infusorioides
- Palynologists' environments legend**
 nm - non marine
 lac - lacustrine
 est - estuarine
 mm - marginal marine
 ns - nearshore marine
 om - offshore marine
 N.B. Environments are based on spore-pollen/dino ratios.

Hydrocarbon shows/tests legend

- Gas show (weak)
 - Gas show (strong)
 - Gas zone
 - Oil show (weak)
 - Oil show (strong)
 - Oil zone
 - Oil/gas show (weak)
 - Oil/gas show (strong)
 - Oil fluorescence
 - CO₂ zone
 - RFT test
- N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

